DETAILED ACTION

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Mr. Alton Hornsby III on February 25, 2009.

2.   The application has been amended as follows:

IN THE SPECIFICATION:

On page 18, line 5, the phrase "Serial No.: ---, Filed: ---," has been replaced by --

- Serial No.: 10/462,188, Filed: 06/16/03, ---.

IN THE CLAIMS:

In claim 4, line 2, the limitation "a connectivity source" to --- the connectivity

source ---.

In claim 7, line 2, the limitation "the data transfer speed" has been replaced by ---

a data transfer speed ---.

In claim 8, line 2, the limitation "a plurality of one or more connectivity sources"

has been replaced by --- a plurality of the one or more connectivity sources ---.

In claim 9, line 2, the limitation "the plurality of one or more" has been replaced

by --- a plurality of the one or more ---.

In claim 11, line 2, the limitation "a remote computing system" has been replaced by --- the remote computing system ---.

In claim 11, line 3, the limitation "which of one or more" has been replaced by --- which of the one or more ---.

In claim 12, line 1, the limitation "which of one or more" has been replaced by --- which of the one or more ---.

In claim 12, line 2, the limitation "which of one or more" has been replaced by --- which of the one or more ---.

In claim 15, line 2, the limitation "a remote computing system" has been replaced by --- the remote computing system ---.

In claim 19, line 3, the limitation "remote procedure calls over" has been replaced by --- remote procedure calls (RPC) over ---.

In claim 19, line 6, the limitation "using RPC" has been replaced by --- using the RPC ---.

In claim 19, line 7, the limitation "by RPC" has been replaced by --- by the RPC ---.

In claim 21, line 2, the limitation "a remote computing system" has been replaced by --- the remote computing system ---.

In claim 23, line 2, the limitation "an alternate" has been replaced by --- the available alternate ---.

In claim 24, line 1, the limitation "an available alternate connectivity source is a preferred" has been replaced by --- the available alternate connectivity source is the preferred ---.

In claim 25, line 1, the limitation "a second" has been replaced by --- the second ---.

In claim 28, line 7, the limitation "to select one of one or more available connectivity sources" has been replaced by --- to select an available one of the one or more connectivity sources ---.

In claim 29, line 9, the limitation "a connectivity" has been replaced by --- the connectivity ---.

In claim 29, line 14, the limitation "a connectivity" has been replaced by --- the connectivity ---.

In claim 29, line 15, the limitation "the data transfer speed" has been replaced by --- a data transfer speed ---.

In claim 29, line 16, the limitation "a given connectivity source" has been replaced by --- the connectivity source ---.

In claim 32, line 4, the limitation "remote procedure calls over" has been replaced by --- remote procedure calls (RPC) over ---.

In claim 32, line 7, the limitation "by RPC" has been replaced by --- by the RPC ---.

In claim 32, line 9, the limitation "using RPC" has been replaced by --- using the RPC ---.

In claim 33, line 15, the limitation "the quantity" has been replaced by --- a quantity ---.

In claim 33, line 16, the limitation "the reduced bandwidth" has been replaced by --- a reduced bandwidth ---.

In claim 33, line 35, the limitation "remote procedure calls over" has been replaced by --- remote procedure calls (RPC) over ---.

In claim 33, line 38, the limitation "using RPC over HTTP" has been replaced by --- using the RPC over the HTTP ---.

In claim 33, line 39, the limitation "via RPC over HTTP" has been replaced by --- via the RPC over the HTTP ---.

In claim 33, line 53, the limitation "marking the one or more connectivity sources" has been replaced by --- marking at least one of the plurality of connectivity sources ---.

In claim 34, line 2, the limitation "of one or more connectivity sources" has been replace by --- of the plurality of connectivity sources ---.

In claim 36, line 2, the limitation "a connectivity source" has been replaced by --- the connectivity source ---.

In claim 39, line 2, the limitation "of one or more connectivity sources" has been replace by --- of the plurality of connectivity sources ---.

In claim 39, line 2, the limitation "the data transfer speed" has been replaced by --- a data transfer speed ---.

In claim 39, line 3, the limitation "a given connectivity source." has been replaced by --- the plurality of connectivity sources. ---.

In claim 41, line 2, the limitation "a remote application" has been replaced by --- the remote application ---.

In claim 41, line 6, the limitation "the user's computer" has been replaced by --- the client computer ---.

In claim 41, line 9, the limitation "the user's computer" has been replaced by --- the client computer ---.

In claim 42, line 2, the limitation "of one or more connectivity sources" has been replaced by --- of the plurality of connectivity sources ---.

In claim 43, line 2, the limitation "a remote application" has been replaced by --- the remote application ---.

In claim 43, line 3, the limitation "the user's computer" has been replaced by --- the client computer ---.

In claim 44, line 2, the limitation "of one or more connectivity sources" has been replaced by --- of the plurality of connectivity sources ---.

In claim 44, line 3, the limitation "the connectivity source" has been replaced by --- the plurality of connectivity sources ---.

In claim 45, line 2, the limitation "an alternate connectivity source" has been replaced by --- the available alternate connectivity source ---.

In claim 45, line 3, the limitation "the connectivity source" has been replaced by --- the plurality of connectivity sources ---.

In claim 46, line 1, the limitation "an available alternate" has been replaced by --- the available alternate ---.

In claim 46, line 2, the limitation "a preferred connectivity source" has been replaced by --- the preferred connectivity source ---.

In claim 47, line 2, the limitation "a second connectivity source" has been replaced by --- the second connectivity source ---.

Allowable Subject Matter

3.   The following is an examiner's statement of reasons for allowance:

Regarding claim 1, the prior art fails to teach a combination of the steps of:

resetting the time period upon detecting a network change, the network change comprising a hardware change at the user's computer;

switching back to the first interval upon detecting the network change; and

marking the one or more connectivity sources as inoperable while the user's computer is shutting down to prevent subsequent online communication events from adding to shutdown delays, in the specific combination as recited in the claim.

Regarding claim 28, the prior art fails to teach a combination of the steps of:

to reset the time period upon detecting a network change, the network change comprising a hardware change at a user's computer for connecting to the remote computing system using the one or more connectivity sources;

to switch back to the first interval upon detecting the network change; and

to mark the one or more connectivity sources as inoperable while shutting down to prevent subsequent online communication events from adding to shutdown delays, in the specific combination as recited in the claim.

Regarding claim 33, the prior art fails to teach a combination of the steps of:

resetting the time period upon detecting a network change, the network change

comprising a hardware change at a client computer for executing the client application;

switching back to the first interval upon detecting the hardware change at the

client computer; and

marking at least one of the plurality of connectivity sources as inoperable while

shutting down to prevent the RPC during shutdown from adding to shutdown delays, in

the specific combination as recited in the claim.

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to TOAN D. NGUYEN whose telephone number is

(571)272-3153. The examiner can normally be reached on M-F (7:00AM-4:30PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, William Trost can be reached on 571-272-7872. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

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you have questions on access to the Private PAIR system, contact the Electronic

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USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/T. D. N./
Examiner, Art Unit 2416

/William Trost/
Supervisory Patent Examiner, Art Unit 2416